

Predicted body weight chart/ Tidal volume chart

Height (cm)	Male			Female		
	PBW (kg)	TV 3ml/kg	TV 6ml/kg	PBW (kg)	TV 3ml/kg	TV 6ml/kg
50	3.5	10.5	21	3.5	10.5	21
55	4.5	13.5	27	4.5	13.5	27
60	6	18	36	6	18	36
65	7.5	22.5	45	7	21	42
70	8.5	25.5	51	8	24	48
75	9.5	28.5	57	9	27	54
80	10.5	31.5	63	10	30	60
85	11.5	34.5	69	12	36	72
90	13	39	78	13	39	78
95	14	42	84	14	42	84
100	16	48	96	16	48	96
105	17	51	102	17	51	102
110	19	57	114	19	57	114
120	23	69	138	22	66	132
130	27	81	162	27	81	162
140	33	99	198	35	105	210
150	41	123	246	42	126	252
160	48	144	288	50	150	300
170	56	168	336	62	186	372
180	75	225	450	70	210	420
190	85	255	510			

PBW – predicted body weight

McLaren method was adopted by plotting height for age on CDC growth chart, drawing a horizontal line to the 50th percentile, followed by drawing a perpendicular line to the 50th percentile for weight.

Because the maximum 50th centile height for boys was 177cm and for girls 163cm on CDC growth charts for 2-20years, National Institute of Health ideal body weight calculator was used to determine PBW, if an individual's height exceeded the 50th centile height on the chart.

Male PBW (kg) = 50 + 0.91 [height (cm) – 152.4]

Female PBW (kg) = 45.5 + 0.91 [height (cm) – 152.4]